

CLIENT: Nova Industries
8011 North 154th East Ave
Owasso, OK 74055

Attn: Tim Borgne

Test Report No: TJ1768-3	Date: February 10, 2014
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SAMPLE ID: The test samples are identified as: **Duct Armor**

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on December 12, 2013.

TESTING PERIOD: December 18, - January 15, 2014

AUTHORIZATION: Signed Proposal Number SP060713-2 by Tim Borgne.


TEST PROCEDURE: ASTM D3273-12, Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber.

TEST RESULTS: The samples meet the criteria of ASTM D3273-12, Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber. Detailed test results are presented in the subsequent pages of this report.

PREPARED BY


Rocky Hale
Material Test Technician

**SIGNED FOR ON BEHALF OF
QAI LABORATORIES INC.**


Jarred L. Johnson
Quality Manager



Test Procedure and Results

TEST DATA:

The samples were tested as per ASTM D3273-12, and evaluated in accordance with ASTM D3274-09e1.

Upon commencement of testing, samples were placed in an environmental chamber designed and built to comply with the requirements of ASTM D3273-12, section 4. The samples were maintained in the chamber over a period of 4 weeks with constant monitoring of temperature and humidity, as is required.

The chamber was maintained at 95% to 98% relative humidity and a temperature of 32.5±1°C (90±2°F). The room the chamber is kept in was monitored to control to 21 to 24°C (70 to 75°F), to ensure heat loss from the cabinet is insignificant and that the relative humidity is readily obtained at the specified test temperature. The samples were evaluated once per week, for a total of 4 weeks, for indication of disfigurement by algal or fungal growth.

The evaluation is based upon ASTM D3274-09e1, which provides photographic comparison to known disfigurement standards. The samples are compared to the photographic standards for application of a disfigurement rating. The photographic standards provide for a rating from 0 to 10. A rating of 10 would indicate a total absence of disfigurement by particulate matter.

Sample evaluations are reported in Table 1; photographic evidence appears in Figures 1 and 2.

Table 1-Sample Results

FRONT SIDE				BACK SIDE			
Rating				Rating			
	1	2	3		1	2	3
Date				Week			
12/26/13	10	10	10	1	10	10	10
1/2/14	10	10	10	2	10	10	10
1/8/14	10	10	10	3	10	10	10
1/15/14	10	10	10	4	10	10	10

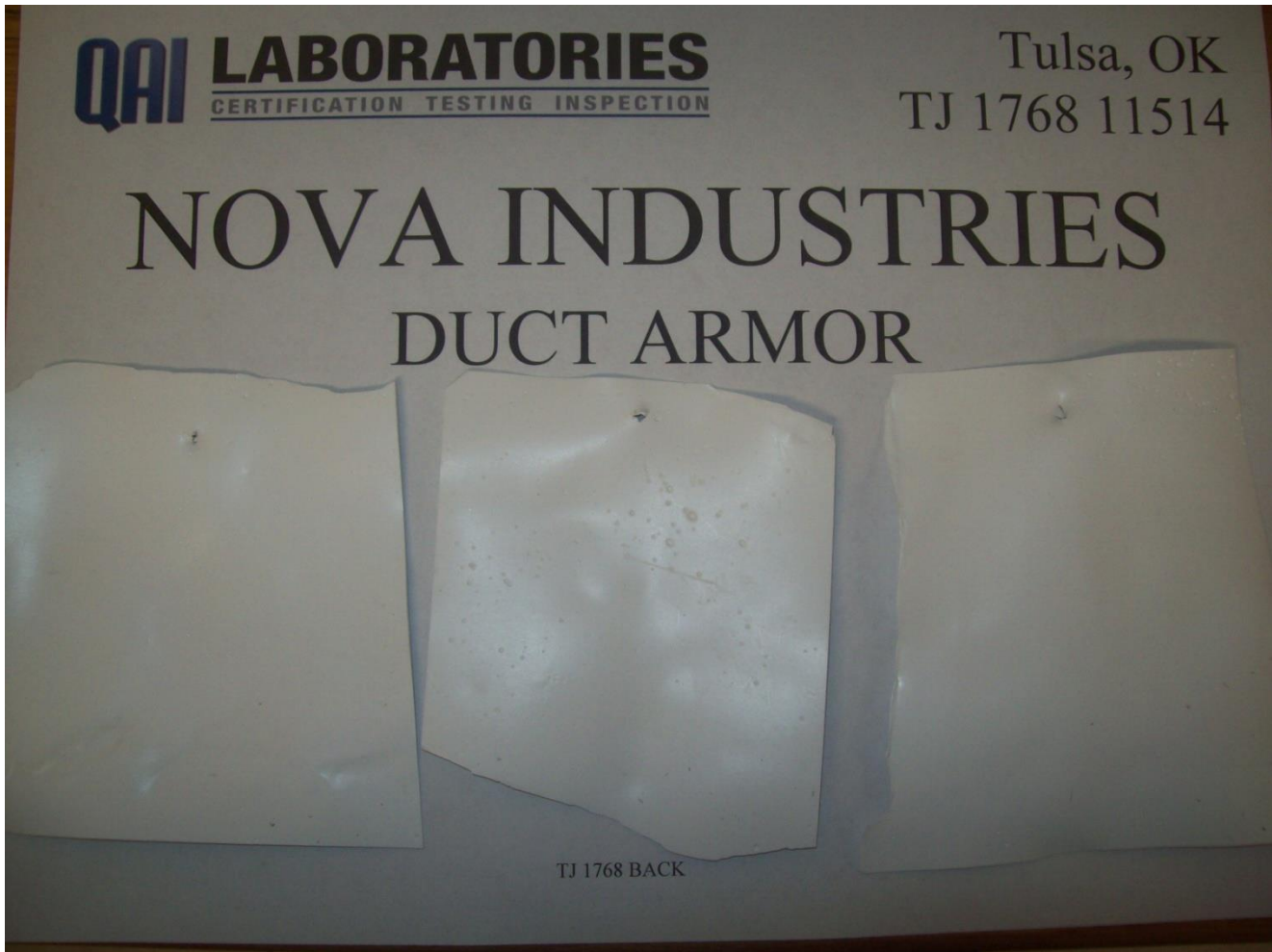
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Figure 1



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Figure 2



End of Report

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